

CURRICULUM VITÆ

NAME: Julio Licinio de Castro Paixão

ADDRESS:**Office:**

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EDUCATION AND TRAINING:

M.D., University of Bahia School of Medicine, Salvador, Bahia, Brazil
GPA: 4.4/5.0, 1977-82

Residency in Internal Medicine, University of São Paulo Medical Center, Brazil,
1982-84

Fellowship in Medicine/Endocrinology
The University of Chicago, Pritzker School of Medicine, Chicago, Illinois, 1984-
85

Internship in Psychiatry (PGY 1), Montefiore Medical Center,
Albert Einstein College of Medicine of Yeshiva University, Bronx, New York,
1985-86

Research-Track Residency in Psychiatry (Assistant Psychiatrist, PGY 2-4).
Preceptors: Katherine A. Halmi, M.D., and Gerald L. Klerman, M.D., The New
York Hospital - Cornell Medical Center, Westchester Division, White Plains,
New York, 1986-89

Clinical Associate in Psychiatry, Cornell University Medical College
New York, New York, 1986-88

Senior Clinical Associate in Psychiatry, Cornell University Medical College
New York, New York, 1988-89

POSITIONS HELD:

Visiting Scientist, Clinical Neuroendocrinology Branch
Intramural Research Program, National Institute of Mental Health, Bethesda, MD,
1989-90

Research Director, Affective Disorders Unit
Department of Veterans Affairs Medical Center, West Haven, Connecticut, 1990-
93

Instructor in Psychiatry, Yale University, New Haven, Connecticut, 1991-92

Chief, Affective Disorders Unit, Department of Veterans Affairs Medical Center
West Haven, Connecticut, 1991-92

Assistant Professor of Psychiatry, Yale University, New Haven, Connecticut,
1992-93

Head, Laboratory of Clinical and Molecular Neuroendocrinology, Yale
University Department of Psychiatry, West Haven VAMC, West Haven,
Connecticut, 1992-93

Co-Director, Affective Disorders Program, Department of Veterans Affairs
Medical Center, West Haven, Connecticut, 1992-93

Chief, Unit on Clinical Research, Clinical Neuroendocrinology Branch,
Intramural Research Program, National Institute of Mental Health, NIH,
Bethesda, MD, 1993 - 1999

Senior Attending Physician, NIH Clinical Center, Bethesda, MD, 1993 - 1999

(Tenured) Professor of Psychiatry and Biobehavioral Sciences, David Geffen
School of Medicine at UCLA, University of California, Los Angeles, CA, 1999 -

Senior Research Scientist, Neuropsychiatric Institute, UCLA, 1999 -

Director, Interdepartmental Clinical Pharmacology Center, David Geffen School
of Medicine at UCLA, University of California, Los Angeles, CA, 1999 -

Member, Brain Research Institute, David Geffen School of Medicine at UCLA,
University of California, Los Angeles, CA, 1999 -

Associate Program Director, UCLA General Clinical Research Center
(3M01RR00865), David Geffen School of Medicine at UCLA, Los Angeles, CA,
1999 -

Director, Pharmacogenetics and Pharmacogenomics Research Group (U01-
GM61394), David Geffen School of Medicine at UCLA, University of California,
Los Angeles, CA, 2000 -

Director, Graduate Training Program in Translational and Clinical Investigation
(1K30HL04526), David Geffen School of Medicine at UCLA, University of
California, Los Angeles, CA, 2000 -

(Tenured) Professor of Medicine (Endocrinology & Metabolism), David Geffen School of Medicine at UCLA, University of California, Los Angeles, CA, 2001 –

Co-Director, Interdepartmental Center for Pharmacogenomics and Clinical Pharmacology, Neuropsychiatric Institute and David Geffen School of Medicine at UCLA, Los Angeles, CA, 2004 –

Member, Secretary of Health and Human Services Advisory Panel on Genetics, Health, and Society, 2005 –

Vice-Chairman, Department of Psychiatry and Human Behavior, David Geffen School of Medicine at UCLA, 2005 –

Director, UCLA Institute for Translational and Clinical Science, 2006 –

HONORS AND AWARDS:

First Place - State of Bahia Medical School Admission Examination: 99.96 percentile, 1977.

Research Scholarship awarded by the Vice-Provost, Federal University of Bahia, 1982.

National Finalist - University of São Paulo School of Medicine, Brazil
Medical Residency Admission Examination: 98.3 percentile, 1982.

Resident representative to the 25th Anniversary of the American College of Neuropsychopharmacology
Cornell University Medical Center, Westchester Division, 1986.

Elise Kraft Ledman Prize for Psychiatric Research. The New York Hospital - Cornell University Medical Center, Westchester Division, 1987.

Travel award to attend the VIII International Congress of Endocrinology in Kyoto. Granted by the International Society of Endocrinology, London, U.K. 1988.

American College of Neuropsychopharmacology / Mead Johnson Travel Fellowship
(Sponsor: Gerald L. Klerman, M.D.).
Granted by the American College of Neuropsychopharmacology, 1988.

Travel Award and Honorable Mention - Lilly Psychiatric Research Fellowship, awarded by the American Psychiatric Association, Office of Research, Washington, DC, 1989.

Elise Kraft Ledman Prize for Psychiatric Research, The New York Hospital - Cornell University Medical Center, Westchester Division, 1989.

SmithKline Beecham Award, Society of Biological Psychiatry, 1990.

Young Investigator Award. International Congress on Schizophrenia Research and Schizophrenia Branch, NIMH, 1991.

Alma Foster Davis Investigator Award.
NARSAD - National Alliance for Research on Schizophrenia and Depression, 1992.

American Federation for Medical Research Biomedicine Travel Award, 1996

Theodore and Vada Stanley Foundation Research Award, 1997.

The Endocrine Society Travel Award, 1998.

Henry L. Moses Award, Clinical Science, Montefiore Medical Center Staff and Alumni Association, Albert Einstein College of Medicine, Bronx, New York, 1996.

PROFESSIONAL CERTIFICATION:

Certified in Psychiatry - American Board of Psychiatry & Neurology.

Certified in Geriatric Psychiatry - American Board of Psychiatry & Neurology.

LICENSES:

- Permanent Pennsylvania Medical License # MD-040208-L (passed FLEX 1985; license issued 7/29/1986)
- Permanent Connecticut Medical License # 030707, Federal DEA Registration # BL2288872
- Permanent Texas Medical License # J8032
- Permanent California Medical License # C50445 (issued 07/01/2000), Federal DEA Registration # BL7067273
- Permanent ECFMG Certificate No. 371-935-8, awarded upon successful completion of the Visa Qualifying Examination (VQE), 09.6-7, 1983
- Licensed - Medical Councils of the States of Bahia (No. 7006) and São Paulo (No. 44924), Brazil

RESEARCH GRANTS:

Active

UCLA Clinical Pharmacology Training Program
NIGMS/NIH (priority score 117) 07/01/06-06/30/11

Direct cost: \$954,000. Principal Investigator: Julio Licinio.
This is a T32 interdepartmental training program in clinical pharmacology.

Obesity in Mexican-American children
Princess Diana Memorial Fund 4/1/05-3/31/10

Direct cost: \$1,675,000. Principal Investigator: Julio Licinio.
This is to support research on childhood obesity.

UCLA Center of Excellence in Clinical Pharmacology
PhRMA Foundation 08/01/04-07/31/06

Direct cost: \$500,000. Principal Investigator: Julio Licinio.
This is a one-in-the-country unrestricted infrastructure grant to develop an interdepartmental program in clinical pharmacology.

Pharmacogenetics and Pharmacogenomics Research Group 10% effort
NIGMS/NIH: U01 GM61394-02 08/01/01-07/31/05

Total cost: \$3,755,195. Principal Investigator: Julio Licinio.
This is a prospective four-year study of the pharmacogenetics of antidepressants in the Mexican-American population.

Graduate Training Program in Translational Investigation (K30) 20% effort
NIHLBI/NIH: K30HL04526 10/01/00-08/31/10

Total cost: \$ 999,945. Principal Investigator: Julio Licinio.

Metabolic Effects of Depression and Obesity 3% effort
Dana Foundation 3/1/01-2/28/06

Total cost: \$100,000. Principal Investigator: Julio Licinio.

Clinical Neuroendocrinology of Leptin (priority score 117) 45% effort
NCR/NIH: K24 RR16996-03 04/01/02-03/31/07

Total cost: \$ 697,870. Principal Investigator: Julio Licinio.
This is a GCRC-based, patient-oriented career award.

Developing Educational Approaches to Genetics for Mexican-Americans in East
Los Angeles 5% effort

NHGRI/NIH: R03 HG/CA002500-01 04/01/02-03/31/05

Total cost: \$ 152,863. Principal Investigator: Julio Licinio.

Community Consultation and Haplotype Mapping in Mexican-Americans 5%
effort

NHGRI/NIH: R03 HG002500-01S1 04/1/02-03/31/05

Total cost: \$171,383. Principal Investigator: Julio Licinio.

UCLA Mentored Clinical Pharmacology Research Scholar Program (K12)
NCR/NIH: K12RR017611-01 (score 132) 8/01/02-7/31/07

Total cost: \$ 7,082,104. Principal Investigator: Julio Licinio.

Depression and Metabolic Syndrome in Mexican-American Women
NIDDK/NIH: 1 R01 DK063240-01 (score 166) 9/30/02-9/29/07

Total cost: \$ 1,906,250. Co-Principal Investigator: Julio Licinio.
Only 5 grants were funded from over 100 submissions to this RFA.

Minority Supplement 1 - Depression and Metabolic Syndrome in Mexican-American Women

NIDDK/NIH: 1 R01 DK063240-03S1 12/01/04-9/29/07

Total cost: \$ 349,000. Principal Investigator: Julio Licinio.

Minority Supplement 2 - Depression and Metabolic Syndrome in Mexican-American Women

NIDDK/NIH: 1 R01 DK063240-03S2 12/01/04-9/29/07

Total cost: \$ 64,400. Principal Investigator: Julio Licinio.

Endocrine Effects of Human Leptin Replacement

NIDDK/NIH: R01DK58851-03 4/01/03-3/31/06

Total cost: \$ 1,041,114. Principal Investigator: Julio Licinio.

Human Leptin Treatment

Amgen, Inc., Thousand Oaks, CA

2% effort

07/01/01-06/30/05

Total cost: \$7,500. Principal Investigator: Julio Licinio.

Past

Han-Chinese-American DNA Repository and Community Consultation 2% effort

NIGMS/NIH: U01 GM61394-01S2 09/01/01-08/31/02

Total cost: \$ 152,901. Principal Investigator: Ma-Li Wong.

This was an award supplement to collect DNA while developing a process of community consultation on clinical genetic research issues with the Los Angeles Han-Chinese-American population.

Endocrine Effects of Human Leptin Replacement (priority score 122) 10% effort

NIDDK/NIH: R01DK58851-01 12/01/00-11/31/02

Total cost: \$ 710,566. Principal Investigator: Julio Licinio.

Pharmacogenetics and Pharmacogenomics Research Group 10% effort

NIGMS/NIH: U01 GM61394-01 04/01/00-03/31/02

Total cost: \$ 284,496. Principal Investigator: Julio Licinio.

This is a pilot study of the pharmacogenetics of antidepressants in the Mexican-American population.

Mexican-American DNA Repository and Community Consultation 3% effort

NIGMS/NIH: 3 U01 GM61394-01S1 04/01/00-03/31/02

Total cost: \$156,068 Principal Investigator: Julio Licinio.

This is an award supplement to collect DNA while developing a process of community consultation on clinical genetic research issues with the Los Angeles Mexican-American population.

"Central Nitric Oxide Synthase and Cytokine Gene Expression in Major Psychiatric Disorders." Stanley Foundation Research Award, 1998-01. Direct cost: \$ 69,000.

Principal Investigator: Julio Licinio.

“Brain Growth Factors in Schizophrenia: Clinical and Pre-Clinical Studies”
Scottish Rite Schizophrenia Research Program, 1991-93. Direct Cost = \$ 46,700.
Principal Investigator: Julio Licinio.

“Neuroendocrine-Neuroimmune Regulation in Major Depression and Post-Traumatic Stress Disorder. Clinical and Pre-Clinical Studies.” NARSAD - National Alliance for Research on Schizophrenia and Depression, 1992-94. Direct Cost = \$ 60,000.
Principal Investigator: Julio Licinio.

“Yale Mental Health Clinical Research Center” - Grant # P50 MH-30929-15
National Institute of Mental Health, Annual Direct Cost: \$ 673,771.00
Dr. Licinio was director of the Neuroendocrine Laboratory, a component of that grant. Annual Direct Cost, Neuroendocrine Lab: \$ 80,000. Period: 06.01.1992 - 06.30.1993.

Wellcome Trust International Grant, awarded to fund collaboration between Dr. J. Licinio and Dr. M.-L. Wong, and Dr. Nancy Rothwell, University of Manchester, UK, 1995-97.

"Neuroendocrinology of Dysthymia." Unrestricted grant awarded by Synthelabo Italy, 1998-2000. Direct costs: = \$ 80,000. Principal Investigator: Julio Licinio.

"mRNA Differential Display - Application in the Discovery of Novel Genes and Neuropsychopharmacological Targets." Unrestricted grant awarded by Parke Davis Pharmaceutical Research, 1997-99. Direct costs: = \$ 90,000. Principal Investigator: Julio Licinio.

COMMITTEES AND REVIEWS:

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| 1989-90 | Coordinator of the Weekly Seminar Series - Clinical Neuroendocrinology Branch |
| 1993-98 | (CNE)-NIMH. Nationally renowned speakers are invited to present new research data at the CNE seminars given at the NIH Clinical Center. Selected seminars are published in the CNE/NIMH/NIH Seminar section of <i>Molecular Psychiatry</i> . |
| 1991-93 | Member of the Residency Training Committee
Department of Psychiatry, Yale School of Medicine. |
| 1992-94 | Consultant to the Scientific Program Committee, American Psychiatric Association. |
| 1992-94 | Member of the Course Subcommittee, Scientific Program Committee, American Psychiatric Association. |
| 1993 | Member, National Institute of Mental Health Mental Health AIDS and Immunology Special Review Committee (Study Section). |

- 1993 Rapporteur: Study Group on Anorexia Nervosa (AN): Basic Mechanisms, Clinical Approaches and Treatment. Co-sponsored by AIREN (Association Internationale pour la Recherche et l'enseignement en Neurosciences) and the World Health Organization, Geneva, Switzerland, September 27-29, 1993.
- 1994 Grant reviewer: The Wellcome Trust, London, United Kingdom.
- 1994 External Grant Reviewer: Veterans Affairs Merit Review Board for Neurobiology.
- 1993-1995 Coordinator, NIH-wide Brain-Immune Interest Group, Bethesda, MD.
- 1996-1999 Head, NIH-wide Molecular Psychiatry Interest Group, Bethesda, MD.
- 1996 Scientific Peer Reviewer for the Extramural Defense Women's Health Research Program (Study Section), Department of the Army, U.S. Army Medical Research and Materiel Command.
- 1996- Temporary Consultant - Unit on Neuroscience, Division of Mental Health, World Health Organization.
- 1996 Chairman: Dysthymia in Neurological Disorders. World Health Organization, Geneva, Switzerland, July 1-3, 1996.
- 1996 Member, Local Organizing Committee, The Third International Congress, International Society for Neuroimmunomodulation. Bethesda, Maryland, USA, November 13-15, 1996.
- 1996 Faculty - Foundation for Advanced Education in the Health Sciences at the National Institutes of Health. Coordinator: Molecular Basis of Behavioral Medicine.
- 1997 Chairman, Molecular Psychiatry and Neuroscience component of the Biomedicine meeting of the Association of American Physicians (AAP), the American Federation for Medical Research (AFMR), and the American Society of Clinical Investigation (ASCI).
- 1997 Chairman: World Health Organization Meeting: Classification of Dysthymia and Related Conditions in Neurological Disorders: Recommendations for the Clinical Treatment and Criteria for Research. Bethesda, Maryland, February 3-5, 1997.
- 1997 NIH host for the Presidential Classroom Scholars Program: Special-Focus Week on Science, Technology, and Public Policy.
- 1997 Reviewer for the Pfizer Scholars Program for New Faculty and the Pfizer Postdoctoral Fellowship Program in the areas of biological psychiatry/neuroscience, appointed through Burson-Marsteller and the American Federation for Medical Research.
- 1997 Member, search committee for the position of editor-in-chief, Journal of Investigative Medicine, the official journal of the American Federation for

- Medical Research (search committee members: Veronica Catonese, Barbara Culliton, Monica Farley, Julio Licinio, and Ted Standiford).
- 1997 Reviewer: VA Medical Research Service Grants Program for Military Operational-Stress Related Illness.
- 1997 Grant reviewer for the Swiss Federal Institute of Technology, Research Commission, Zürich, Switzerland.
- 1998 Chairman: World Health Organization Meeting: Identification of Dysthymia in Neurological Disorders: Recommendations for the Clinical Treatment and Criteria for Research. Bethesda, Maryland, March 3-4, 1998.
- 1998 Chairman, Molecular Psychiatry and Neuroscience component of the Biomedicine meeting of the Association of American Physicians (AAP), the American Federation for Medical Research (AFMR), and the American Society of Clinical Investigation (ASCI).
- 1998 Chairman: World Health Organization Meeting: Stress in Neurological Disorders, Athens, Greece, May 5-7, 1998.
- 1998 Chairman: World Health Organization Meeting: Stress and Adaptation: From Selye's Concept to Application of Modern Formulations. Montreal, Canada, 9/21- 23/98.
- 1998 Member, NIAMS, NIH, IRG (Study Section) ZAR1-SRC (99): RFA AR-98-006, "Basic and Clinical Research in Fibromyalgia."
- 1998 Chairman: World Health Organization Meeting: Autonomic Nervous System. Bethesda, Maryland, 12/10-12/98.
- 1999 Co-Chairman and Member, Organizing Committee: Pasteur Institute Euroconference "Obesity: Genetics, Pathophysiology, and Therapeutics at the Eve of a Major Conceptual Revolution." Paris, France, November 25-27, 1999.
- 1999 Chairman: Joint AIREN (Association Internationale pour la Recherche et l'enseignement en Neurosciences) and World Health Organization Meeting: Dysthymia in Public Health. Geneva, Switzerland, May, 3-4, 1999.
- 1999 Chairman: First International Meeting on Adrenal Diseases – Basic and Clinical Aspects. Ribeirão Preto, SP, Brazil – supported by FAPESP (State of São Paulo Research Foundation), UICC (International Cancer Association), and the National Institute of Child Health and Human Development, National Institutes of Health, Ribeirão Preto, SP, Brazil, September 1-3, 1999.
- 1999- Member, Task Force, UCLA Program in Psychoneuroimmunology.
- 1999- Mentor, American Psychiatric Association-American College of Neuropsychopharmacology, Minority Training Program.

- 1999- Member, Pharmacogenetics Research Network Steering Committee, NIGMS, NIH, Bethesda, Maryland.
- 1999- Member, Communications Subcommittee, Pharmacogenetics Research Network Steering Committee, NIGMS, NIH, Bethesda, Maryland.
- 2000 Co-chairman: Foundations of Human Biology & Disease module for the revised first and second years of the UCLA School of Medicine curriculum.
- 2000 Member, Organizing Committee: Pasteur Institute Euroconference "Pharmacogenetics and Pharmacogenomics," Paris, France, October 12-13, 2000.
- 2000 Site Visitor, NIDA, NIH Center Grant 1 P30 DA13429-01.
- 2000 Member, Advisory Board, UCLA Office of Clinical Trials
- 2000 Member, Advisory Board, UCLA GCRC
- 2000 Chair, NICHD, NIH, IRG (Study Section) ZHD1 MCHG-B (07): Pediatric Pharmacology Research Unit Mentored Specialized Clinical Investigator Development Award Program.
- 2000 External Grant Reviewer: Veterans Affairs Merit Review Board for Psychiatry.
- 2000- Vice-chairman, Education Committee, American Society of Clinical Pharmacology & Therapeutics.
- 2000 Chairman, Joint AIREN (Association Internationale pour la Recherche et l'Enseignement en Neurosciences), World Health Organization Meeting: Dysthymia in Neurological and Related Disorders. Second Phase of the Research Program. Los Angeles, California, July 5-6, 2000.
- 2000 Member, Scientific Advisory Board for Clinical Investigation, Price Foundation.
- 2000- Founding President, International Society of Pharmacogenomics (ISP)
Chair, ISP Bylaws Committee
Member, ISP Sponsorship and Membership Committees
- 2001 Chair, Working Group on Community Issues, Pharmacogenetics Research Network Steering Committee, NIGMS, NIH, Bethesda, Maryland.
- 2001- Member, NLHBI, NIH, IRG (Study Section) ZHL1 SRC (99): Special Emphasis Panel for K23, K24, and K25 Awards.
- 2001- Member, Panel to discuss the Haplotype Mapping Project, NGHRI, NIH.
- 2002- Member, Scientific Committee, Pasteur Institute/*New England Journal of Medicine* Euroconference "Pharmacogenomics: The Promise and Reality of Individualized Treatment," October 17-18, 2002, Paris, France"

- 2002- Member, Scientific Program Committee, American Society of Clinical Pharmacology & Therapeutics – 2003 Annual Meeting.
- 2002- Co-Chair, Scientific Committee, Pasteur Institute Euroconference “Depression: Emerging Research and Treatment Approaches,” January 16-17, 2003, Paris, France”
- 2002 Member, NIH Center for Scientific Review IRG (Study Section) CRG1 F06 20L: Endocrinology, Metabolism, Nutrition and Reproductive Sciences
- 2002 Member, National Institute of Environmental Health Sciences, NIH, Special Discussion Panel “Research Needs and Opportunities in ALS.”
- 2002 Member and Site Visitor, RIRG-G 004, NCRR/NIH Review Panel for University of Texas Southwestern (Dallas) General Clinical Research Center.
- 2002 Member and Site Visitor, Review Panel for The Salk Institute application 3P01DK026741-24S1, “Biology of Neuroendocrine Peptides” (P.I.: Wylie Vale).
- 2002 Chair, Intellectual Property Subcommittee, Pharmacogenetics Research Network Steering Committee, NIGMS, NIH, Bethesda, Maryland.
- 2003 Member, European Union Sixth Framework Program of research funding, area “Brain Research.”
- 2003 Member, (2003/10 Council) ZRR1 CR-1 02 (06/09/2003) NCRR/NIH Review Panel for Indiana University School of Medicine General Clinical Research Center Pharmacogenetics Core (Core Director: David Flockhart, MD, PhD; GCRC Program Director: Munro Peacock, MB, ChB; P.I.: D. Craig Brater, MD).
- 2003-2007 Regular Member, Clinical Research Review Committee, Division of Clinical Research, NCRR/NIH.
- 2004 Consultant, Scientific Program Committee, American Psychiatric Association.
- 2004 Member, NIH RoadMap Regional Translational Research Centers (RTRC) Planning Meeting.
- 2004 Member Search Committee for Publisher of the American Journal of Geriatric Psychiatry, American Association for Geriatric Psychiatry (AAGP).
- 2005 Member, Scientific Program Committee, American College of Psychiatrists.

External reviewer for tenure and promotions for Johns Hopkins School of Medicine; Stanford University; University of California, Irvine; Hadassah Hospital-Hebrew University, Jerusalem; McGill University, University of Minnesota, and University of Chicago.

EDITORIAL ACTIVITIES:

Founding Editor-in-Chief:

Molecular Psychiatry - Nature Publishing Group

<http://www.nature/mp>

2004 ISI Impact Factor: 6.9 – 3rd of 94 in Psychiatry

2004 ISI Immediacy Index: 2.135 – 1st of 89 in Psychiatry

The Pharmacogenomics Journal - Nature Publishing Group

<http://www.nature/tpj>

Highlights Editorial Board:

Nature Reviews Drug Discovery - Nature Publishing Group

<http://www.nature.com/nrd>

Associate Editor:

Annals of Human Genetics (Blackwell Publishing)

Editorial Board:

- *Expert Opinion on Pharmacotherapy* (Ashley Publications Ltd.)
- *Clinical Research Perspective* (published by the Association of Clinical Research Training Program Directors – ACRTPD)
- *Brazilian Journal of Psychiatry* (Jornal Brasileiro de Psiquiatria)
- *Brazilian Archives of Endocrinology and Metabolism* (Arquivos Brasileiros de Endocrinologia e Metabologia)

Peer-reviewer:

The New England Journal of Medicine, Nature Medicine; Proceedings of the National Academy of Sciences USA; Endocrinology; Journal of Neuroscience; Journal of Clinical Endocrinology and Metabolism; JAMA - Journal of the American Medical Association; Brain Research; Biological Psychiatry; Schizophrenia Research; Endocrine; Psychoneuroendocrinology; Journal of Neuroimmunology; Neuroendocrinology; Neuroimmunomodulation; Journal of Musculoskeletal Pain; Brain, Behavior & Immunity; American Journal of Physiology; International Journal of Eating Disorders, American Journal of Clinical Nutrition; European Journal of Pediatrics.

PROFESSIONAL SOCIETIES:

American College of Psychiatrists (Member, Scientific Program Committee)
Founding President, International Society of Pharmacogenomics (ISP)
American Society for Clinical Pharmacology and Therapeutics (Vice-Chair, Education)
American Society of Human Genetics
Association for Patient-oriented Investigation
International Society of Pharmacogenomics (Founding President)
North American Society for the Study of Obesity
American College of Neuropsychopharmacology
Collegium Internationale Neuro-Psychopharmacologicum (CINP)
Society for Neuroscience
The Endocrine Society
American Federation for Medical Research
Society of Biological Psychiatry
American Psychiatric Association
Society of Clinical Training Program Directors (K30)
American College of Psychiatrists

SYMPOSIA & WORKSHOPS:

1. Licinio J: Entering academic psychiatry: the resident's perspective. Presented at the workshop "Research Papers in Psychiatric Education," at the 1989 Midwinter Meeting of the American Association of Directors of Psychiatry Residency Training (AADPRT), San Diego, CA.
2. 05.11.1989 - Halmi KA, Licinio-Paixão J: Outcome: hospital program for eating disorders. Presented at the symposium "Eating Disorders, Treatment Strategies and Outcome," 142nd Annual Meeting of the American Psychiatric Association, San Francisco, CA.
3. 05.1990 - Licinio J (Chairman), Wong M-L, Franco H, Schlefer EK, Feltman D: Conducting research during clinical training: advantages and limitations. Presented as a workshop at the 143rd Annual Meeting of the American Psychiatric Association, New York, NY.
4. 09.27-29.1993 - Licinio J & Casper R (Rapporteurs): Study Group on Anorexia Nervosa (AN): Basic mechanisms, clinical approaches and treatment. Co-sponsored by AIREN (Association Internationale pour la Recherche et l'enseignement en Neurosciences) and the World Health Organization, Geneva, Switzerland.
5. 09.21.1994 - "Expression of cytokines and their receptors in the central nervous system, with a focus on IL-1, IL-6, and IL-1 receptor antagonist," NIH Research Festival Workshop "Neuroimmune interactions: Focus on Cytokines and the Brain."
6. 09.20.1995 - Chairman. Workshop on "The use of chaos theory & biocomplexity in clinical research, a multidisciplinary approach." NIH Research Festival.
7. 11.07.1995 - Chairman. NIH International Seminar "Use of non-linear dynamics and complexity measures in clinical research: relevance to molecular medicine." Supported by the NIH, Office of the Director, Fogarty International Center, and National Institute of Mental Health.
8. 12.15.1995 - Licinio J & Errol B. De Souza, Co-chairs, American College of Neuropsychopharmacology Panel. De Souza EB, Licinio J, Weiss J, Campbell IL,

- Vitkovic L: Novel developments in the neurobiology of cytokines: Pathophysiological implications. San Juan, Puerto Rico.
9. 03.09.1996 - Licinio J: Cytokines and central nervous systems functions. Presented at the Alpha Interferon Symptom Management Consensus Conference, sponsored by the Cancer Treatment Evaluation Program at the National Cancer Institute and University of Maryland Cancer Center, Baltimore, MD, 03.08-10.1996.
 10. 05.08.1996 - Licinio J, Chairman, A.P.A. symposium: The neurobiology of cytokines. Presented at the 149th Annual Meeting of the American Psychiatric Association, New York, NY.
 11. 06.16.1996 - Licinio J: Chairperson, session: Neuroimmunoendocrinology, Third Advanced Rheumatology Conference, São Paulo Rheumatology Society, São Paulo, Brazil.
 12. 11.16.1996 - Licinio J: Hormones and the brain. Presented at the Science Symposium sponsored by the Institute for Advanced Studies in Immunology and Aging, a World Health Organization Collaborating Center for Aging and Health, Georgetown University, Washington, DC.
 13. 04.26.1997 - Chairman, Biomedicine '98 Theme Symposium "Medically relevant advances in molecular psychiatry." Washington, D.C.
 14. 03.22-25.1997 - Licinio J, Discussant - European Union Meeting: Viruses and Disorders of the Brain. Queens' College, Cambridge, UK.
 15. 05.02.1998 - Chairman, Biomedicine '98 Theme Symposium "Advances in Molecular Psychiatry/Neuroscience." Washington, D.C.
 16. 07.15.1998 - Round Table Discussant: "Bringing neuroimmunology from the bench to the clinic. 1998 FASEB Summer Conference: "Neural-Immune Interactions in Injury and Disease: Pathways to Therapy."
 17. 06.26.1998 - Chairman, Oral Session: Basic Science of Obesity. 1998 Annual Meeting of the Endocrine Society, New Orleans, LA.
 18. 09.06.1998 - Licinio J: "Hormones and emotions." Presented at the University of São Paulo School of Medicine, Institute of Psychiatry Symposium "Mood Regulation," Araxa, MG, Brazil.
 19. 09.13.1998 - Chairman, Oral Session: "Cells And Tissues." 13th International Conference on Comparative Physiology - Aging in animals and humans: from cell to organism. Troina (Sicily), Italy.
 20. 04.18.1999 - Chairman, American Federation for Medical Research 1999 Annual Meeting at Experimental Biology '99 Theme Symposium "Translational Research in Psychiatry: From Molecular Medicine to Clinical Practice." Washington, D.C.
 21. 12.14.1999 - Julio Licinio & Husseni Manji, co-chairs, American College of Neuropsychopharmacology Panel "Translational research in pharmacogenetics and pharmacogenomics." Acapulco, Mexico.
 22. 01.22.2000 - Chairman, Session "Psychoneuroimmunology of Alzheimer's disease." Expert Meeting on Psychoneuroimmunology, Innsbruck, Austria.
 23. 10.12.2000 - Chairman, Session "Introduction: Paving the Way to Pharmacogenomics." Pasteur Institute Euroconference "Pharmacogenetics and Pharmacogenomics," Paris, France.
 24. 10.13.2000 - Chairman, Session "Pharmacogenomics: Studies in Common Diseases." Pasteur Institute Euroconference "Pharmacogenetics and Pharmacogenomics," Paris, France.
 25. 05.24.2001 - Moderator, Online discussion session "Pharmacogenomics," hosted by Bio-online (www.bio.com)
 26. 06.30.2001 - Chairman, Session "Psychoneuroimmunology of Schizophrenia." VIII Expert Meeting in Psychoneuroimmunology, Münster, Germany.

27. 10.11.2001 – Chairman, Session “Metabolism/Targets” at the Meeting, Pharmacogenomics: The Molecular Prescription Pad. Cambridge, MA.
28. 10.29.2001 – Panelist, session “Innovative Methods for Recruiting and Educating the Public,” The National Human Genome Research Institute and The Pew Charitable Trusts Public Engagement and Education Meeting, National Institutes of Health, Bethesda, MD.
29. 10.17.2002 – Co-chair, Session “Advances in Genomics of CNS Diseases.” Institut Pasteur Euroconference co-sponsored by the *New England Journal of Medicine* “Pharmacogenomics: The Promise and Reality of Individualized Treatment,” Paris, France.
30. 04.02.2003 – Chair, Session “Oral Presentations IA,” 2003 Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, Washington, DC
31. 06.28.2004 – Presenter, “NIH K Awards,” at the Workshop “Success in Academia,” organized by the UCLA Center on Research, Education, Training and Strategic Communications on Minority Health, Los Angeles, CA.
32. 05.21.2005 – Chair (Charles Nemeroff, co-chair), Symposium “New Insights on Unipolar Depression: Therapeutic Implications,” 2005 Annual Meeting of the Society for Biological Psychiatry.

INVITED LECTURES:

1. 12.10.1987 - "Eating Disorders," Department of Psychology, Barnard College of Columbia University, New York, New York.
2. 03.01.1988 - "Insulin Secretion and the Regulation of Appetite," Department of Physiology, Health Sciences Institute, Federal University of Bahia, Brazil.
3. 03.04.1988 - "Psychoendocrinology of Anorexia Nervosa," Hospital Juliano Moreira, Department of Psychiatry, Federal University of Bahia, Brazil.
4. 05.12.1989 - "Studying Endogenous Instantaneous Hormonal Secretion Rates in Psychiatric Patients: Advantages and Limitations," Westchester Division Research Seminar, The New York Hospital-Cornell University Medical Center.
5. 03.14.1989 - "Techniques to Assess Instantaneous Insulin Secretion Rates in Eating Disorders: Implications for the Study of the Regulation of Food Intake and Body Weight," Eating Disorders Program, The New York Hospital-Cornell University Medical Center, Westchester Division.
6. 11.29.1989 - "Treatment of Eating Disorders." Department of Human Nutrition and Food Systems, University of Maryland, College Park, Maryland
7. 12.06.1989 - "Use of Mathematical Modelling in Psychiatric Research." Presented at St. Louis University School of Medicine, Department of Psychiatry Grand Rounds.
8. 02.13.1990 - "Methods to Assess Hypothalamic-pituitary-adrenal Function in Patients with the Tryptophan-associated Eosinophilia Myalgia Syndrome (EMS)," Presented at the joint EMS Conference, National Institute of Arthritis and Musculoskeletal and Skin Diseases/National Institute of Mental Health, NIH, Bethesda, Maryland.
9. 04.12.1990 - "Endocrinology of Anorexia Nervosa." Presented to the Department of Psychology, University of Maryland, College Park, Maryland.
10. 04.27.1990 - "The Role of CRH in the Susceptibility to Depressive and Inflammatory Disorders. Presented at Albert Einstein College of Medicine (Bronx, NY), Department of Psychiatry Grand Rounds.

11. 05.05.1990 - "Insulin in Eating Disorders." Presented at the Columbia University College of Physicians & Surgeons Appetitive Seminar Series, New York, NY.
12. 06.13.1990 - "Medical Complications of Eating Disorders." Department of Psychiatry, Georgetown University School of Medicine, Washington, D.C.
13. 02.21.1992 - "Neurobiology of Cytokines." Works-in-Progress Seminar, Department of Psychiatry, Yale University School of Medicine, WHVAMC, West Haven, CT.
14. 03.24.1993 - "The Neurobiology of Cytokines: From Molecular Biology to Clinical Psychiatry." Research Seminar, Department of Psychiatry, The University of Chicago, Pritzker School of Medicine, Chicago, IL.
15. 03.26.1993 - "Assessing Circulating Levels of Cytokines." Works-in-Progress Seminar, Department of Psychiatry, Yale School of Medicine, WHVAMC, West Haven, CT.
16. 03.30.1993 - "The Neurobiology of Cytokines: From Molecular Biology to Clinical Psychiatry." Grand Rounds, Department of Psychiatry, The University of Texas Medical Branch, Galveston, TX.
17. 04.13.1993 - "The Neurobiology of Cytokines." Research Seminar, Department of Psychiatry, The University of Michigan, Ann Arbor, MI.
18. 09.28.1993 - "The Hypothalamic-pituitary-adrenal Axis in Anorexia Nervosa." Study Group on Anorexia Nervosa: Basic Mechanisms, Clinical Approaches and Treatment. Co-sponsored by AIREN-Association Internationale pour la Recherche et l'enseignement en Neurosciences and the World Health Organization, Genève, Switzerland.
19. 11.17.1993 - "The Neurobiology of Cytokines" Seminar, Clinical Neuroendocrinology Branch, NIMH, NIH, Bethesda, MD.
20. 02.20.1994 - "Biological Aspects of Eating Disorders." Joint Seminar, Departments of Psychiatry and Medicine, Federal University of Bahia School of Medicine, Salvador, Bahia, Brazil.
21. 03.29.1994 - "Localization of Cytokine and Cytokine Receptor mRNA in Rat Brain." Seminar, Division of Cytokine Biology, Center for Biological Evaluations and Research, Food and Drug Administration, DHHS, Bethesda, MD.
22. 06.09.1994 - "Localization of IL-1 and IL-1 Receptor Antagonist mRNA in Rat Brain." NIH-wide Neural-Immune Interest Group Seminar. NIH, Bethesda, MD 20892.
23. 01.25.1995 - "Localization of Cytokines and Cytokine Receptors in Brain." NIH Clinical Center Grand Rounds, NIH, Bethesda, MD 20892.
24. 10.28.1995 - "The Role of Stress in the Susceptibility to Inflammatory Disease." UCLA Symposium - Beyond Mood: Brain Mechanisms in Stress and Disease, Los Angeles, CA.
25. 04.25.1996 - "The Neurobiology of IL-1 Receptor Antagonist: Induction by Inflammatory Mediators." French Association of Neuropsychopharmacology Meeting - Neuropathology of Brain Cytokines. St. Jean de Luz, France
26. 06.14.1996 - "The Endogenous Interleukin 1 Receptor Antagonist: Molecular Biology, Physiology, and Relevance in Pathophysiology of Arthritis and Brain Disorders." Third Advanced Rheumatology Conference, São Paulo Rheumatology Society, São Paulo, Brazil.
27. 06.16.1996 - "Stress and Immune Function: Clinical implications of Neuroendocrine-Neuroimmune Interactions in Arthritis and Depression." Third Advanced Rheumatology Conference, São Paulo Rheumatology Society, São Paulo, Brazil.
28. 06.20.1996 - "Neuroendocrinology of Depression." Second symposium on Advances in Neurosciences in the Decade of the Brain, sponsored by the Unit on Neuroscience, Division of Mental Health, WHO, Collegium Internationale Neuro-

- Psychopharmacologicum (C.I.N.P.), and Department of International Cooperation, Ministry of Health, Beijing, China.
29. 11.14.1996 - "The Gene Encoding For The Novel Transacting Factor Proopiomelanocortin Corticotropin-Releasing Hormone Responsive Element Binding Protein 1 (PCRH-REB-1) is Constitutively Expressed in Rat Pituitary and in Discrete Brain Regions Containing CRH or CRH Receptors: Pathophysiological Implications." Third International Congress of Neuroimmunomodulation, Bethesda, MD
 30. 11.19.1996 - "State of the Art: Psychoneuroendocrinology." Plenary Lecture at the 22nd Brazilian Congress of Endocrinology and Metabolism, Salvador, Bahia, Brazil.
 31. 11.21.1996 - "Melatonin: Myth or Reality." Plenary Lecture at the 22nd Brazilian Congress of Endocrinology and Metabolism, Salvador, Bahia, Brazil.
 32. 11.21.1996 - "Meet the Professor: Anorexia Nervosa and Bulimia," 22nd Brazilian Congress of Endocrinology and Metabolism, Salvador, Bahia, Brazil.
 33. 11.29.1996 - "The Biology and Psychology of Depression," presented at the 11th International Conference "In the Image and Likeness of God: Always? The Mental Ailments," sponsored by Fiorenzo Cardinal Angelini and the Pontifical Council for Pastoral Assistance to Health Care Workers, and attended by Pope John Paul II, Paul VI Auditorium, Vatican City (*Nature Medicine* 1997; 3: 7).
 34. 12.04.1996 - "Psychoneuroimmunology: Clinical Implications." State of New York Office of Mental Health Research Conference, Albany, New York.
 35. 03.04.1997 - "Inducible Nitric Oxide Synthase and Cytokine Gene Expression in the Central Nervous System: Pathophysiological Relevance." NIH NGF Club, Bethesda, MD
 36. 06.25.1997 - "Advances in Psychoneuroimmunology Research at NIH." Psychiatric Nursing Internship Program, Warren Grant Magnuson Clinical Center, National Institutes of Health, Bethesda, MD
 37. 10.22.1997 - "Human Leptin Levels and Endocrine Function." NIH Clinical Center Grand Rounds, sponsored by the NIH-wide Clinical Research Special Interest Group.
 38. 12.05.1997 - "Pathways and Mechanisms of Cytokine Signaling of the Central Nervous System." Endocrine Grand Rounds, Department of Medicine, University of Maryland School of Medicine, Baltimore, MD.
 39. 02.11.1998 - "Neuroendocrine-immune Interactions: Mechanisms and Pathways." Research Seminar, Department of Biochemistry and Molecular Pharmacology, Jefferson Medical College, Thomas Jefferson University, Philadelphia, PA
 40. 02.16.1998 - "The Endocrine Effects of Leptin." Research Seminar, Department of Nutrition, University of Milano, Milano, Italy.
 41. 02.25.1998 - "Brain Responses in Systemic Illness: Molecular Mechanisms and Clinical Implications." Grand Rounds, Department of Psychiatry, Northwestern University, Chicago, IL.
 42. 03.19.1998 - "Leptin, Hypothalamic Function, and Behavior." Grand Rounds, Department of Psychiatry, University of Maryland Medical Center, Baltimore, MD.
 43. 06.18.1998 - "Pathways and Mechanisms of Cytokine Signalling of the Central Nervous System." Research Seminar, University of California, Los Angeles.
 44. 09.02.1998 - "The Neuroendocrinology of Depression: Progress and New Opportunities." Grand Rounds at the Institute of Psychiatry of the University of São Paulo School of Medicine, São Paulo, SP, Brazil.
 45. 09.03.1998 - "The Neuroendocrinology of Leptin." Graduate Research Seminar, Departments of Physiology and Pharmacology, Federal University of Minas Gerais Health Sciences Institute, Belo Horizonte, MG, Brazil.

46. 10.5.1998 - "Novel Approaches to Clinical Research in Depression: From Molecular Biology to Clinical Neuroendocrinology." Research Seminar, Medical College of Wisconsin, Milwaukee, WI.
47. 01.18.1999 - "Research Strategies in Depression: Study of Candidate Systems and the Search for Novel Genetic Targets." DIBIT- San Raffaele Hospital, Milano, Italy.
48. 01.20.1999 - "Mechanisms and Pathways of Cytokine Signaling of the Central Nervous System." Jacques Monod Amphitheatre, Department of Pathophysiology, Pasteur Institute, Paris, France.
49. 02.23.1999 - "Neuroendocrinology of Depression: Candidate Systems and the Search for New Genes." Psychiatry Grand Rounds, University of Southern California, Los Angeles, CA.
50. 08.03.1999 - "Research Strategies in Depression: Examination of Candidate Systems and the Search for New Mechanisms." Grand Rounds, Department of Psychiatry, State University of New York, Health Sciences Center at Syracuse, Syracuse, New York.
51. 08.28.1999 - "The Neuroimmune-endocrine Axis: Pathophysiological implications of CNS Cytokines and HPA Hormones Dynamics." Plenary lecture at the 1999 Annual Meeting of the Brazilian Federation of Societies of Experimental Biology, Brazilian Society of Physiology, Caxambu, MG, Brazil.
52. 09.01.1999 - "The Neuroimmune-endocrine Axis: Pathophysiological implications of CNS Cytokines and HPA Hormones Dynamics." First International Meeting on Adrenal Diseases - Basic and Clinical Aspects. Ribeirão Preto, SP, Brazil.
53. 02.08.2000 - "Depression, Stress, and Atherosclerosis: Potential mechanisms." Presented to the Division of Cardiology, Department of Medicine, UCLA Health Sciences Center, Los Angeles, CA.
54. 02.15.2000 - "Neuroendocrine and Pharmacogenomic Approaches to the Biology of Depression." Grand Rounds, Department of Psychiatry, University of Chicago, Chicago, IL.
55. 05.24.00 - "Neurobiology of Inflammatory Mediators: Clinical Implications." Seminars in Clinical Research Rockefeller University Hospital, New York, NY
56. 06.23.2000 - "Pharmacogenetics of Antidepressants in Mexican-Americans." Research Seminar, Mayo Clinic, Rochester, MN.
57. 07.13.2000 - "Endocrine Effects of Human Leptin." Grand Rounds, Pennington Biomedical Research Center, Louisiana State University, Baton Rouge, LA.
58. 07.20.00 - "Pharmacogenetics." Lecture at the UCLA GCRC Course, The Essentials of Clinical Investigation: Developing a Research Proposal.
59. 08.18.2000 - "Pharmacogenetics and Pharmacogenomics of Antidepressant Treatment." Neuroscience Seminar, Merck Research, West Point, PA.
60. 09.18.2000 - "Pharmacogenetics: New Directions and Clinical Implications." Grand Rounds, Daniel Freeman Memorial Hospital, Inglewood, CA.
61. 09.19.2000 - "Depression in the 21st Century: Conventional Approaches and New Opportunities." Grand Rounds, Maine Medical Center (University of Vermont), Portland, Maine.
62. 11.01.2000 - "Emerging Opportunities for Translational Research in Psychiatry." Grand Rounds, Baylor College of Medicine (Texas Medical Center), Department of Psychiatry Houston, Texas.
63. 12.06.00 - "Leptin, Depression, and Endocrine Systems," Grand Rounds, UCLA Division of Endocrinology, diabetes, and hypertension. UCLA Health Sciences Center, Los Angeles, CA.
64. 01.30.01 - "Emerging Opportunities for Translational Research in Psychiatry." Grand Rounds, University of Alabama School of Medicine, Department of Psychiatry, Birmingham, Alabama.

65. 02.15.01 - "Emerging Opportunities for Translational Research in Psychiatry." Grand Rounds, University of Tennessee School of Medicine, Department of Psychiatry, Memphis, Tennessee.
66. 05.15.01 - "Psychoneuroendocrinology" - Lecture to PGY-4 Psychiatry Residents, UCLANPI/H.
67. 06.13.01 - "Scientific publications in high impact journals: The editor's perspective." Seminar at the Federal University of São Paulo School of Medicine, São Paulo, SP, Brazil.
68. 07.02.01 - "Cytokines and the neuroendocrine-stress axis involved in infection vulnerability of the brain." Neurovirology Colloquium, Robert Koch-Institut, Berlin, Germany.
69. 07.19.01 - "Pharmacogenetics." Lecture at the UCLA GCRC Course, The Essentials of Clinical Investigation: Developing a Research Proposal.
70. 07.20.01 - "How to Prepare a Scientific Presentation." Lecture at the UCLA GCRC Course, The Essentials of Clinical Investigation: Developing a Research Proposal.
71. 08.03.01 - Primary Care College Foundations Week, Clinical Pharmacology Lecture for third year medical students and group moderator, UCLA School of Medicine.
72. 10.26.01 - "Depression: Molecular Mechanisms and Pathways Underlying Candidate Systems and Pharmacogenomic Approaches to Identify Novel Targets." Research Seminar presented to the Department of Psychiatry & Human Behavior, University of California, Irvine, College of Medicine.
73. 05.07.02 - "Pharmacogenetics: The Paradigm of Psychopharmacology." Grand Rounds, Lilly Research Laboratories, Indianapolis, Indiana.
74. 02.21.03 - "Inflammation, Stress, and Disease Susceptibility: Translational Studies in Common and Complex Disorders." Presentation to the Graduate School, Yonsei University, Seoul, Korea.
75. 04.03.2003 - "Dissecting a complex phenotype: leptin and obesity." Seminar presented at the Clinical Neuroendocrinology Branch, NIMH Intramural Research Program, NIH, Bethesda, Maryland.
76. 07.09.2003 - "Dissecting a complex phenotype: leptin and obesity." Seminar presented at the NIH Director's Conference Room, sponsored by the Director, National Institute of Mental Health, NIH, Bethesda, Maryland.
77. 08.22.2003 - "Pharmacogenomic approaches to the study of complex phenotypes: obesity and depression." Seminar presented at the Fiocruz Foundation, Salvador, Bahia, Brazil
78. 09.15.2003 - "Pharmacogenomic approaches to complex phenotypes: depression and obesity." Seminar presented at the Department of Psychiatry, University of Texas Health Sciences Center San Antonio.
79. 11.13.2003 - "Treatment based on genetic profiles: From promise to reality." Presented at the David Geffen School of Medicine at UCLA, Board of Visitors Meeting, Los Angeles.
80. 11.14.2004 - "New directions on obesity research." Presented at the National Institute of Diabetes, Digestive, and Kidney Diseases, NIH Clinical Center, Bethesda, Maryland.
81. 03.16.2005 - "Depression, Antidepressants, and Suicidality: A Critical Appraisal" and "Suicide in the U.S. 1960-2002: Impact of Fluoxetine Prescriptions." Presented at Lilly Research Laboratory, Indianapolis, Indiana.
82. 07.14.2005 - "Pharmacogenomic approaches to common and complex disorders." Presented at the University of Dresden School of Medicine, Germany.

83. 08.10.2005 – “Update on common and complex disorders: Hormones and behavior – obesity and leptin; depression and CRH.” Presented to the State of Bahia Endocrine Society, Hospital Aliança, Salvador, Bahia, Brazil

PATENT:

1. Licinio J. Co-inventor of United States patent 5,866,547 - Methods of neuroendocrine regulation of affective disorders, held jointly by the National Institutes of Health and Beth Israel Deaconess Medical Center-Harvard Medical School.
2. Licinio, J: Co-inventor of UC Case N0.2004-109-1 - Novel Aspects of Antidepressant Action.

PUBLICATIONS:**Books**

1. Bolis CL, Licinio J, van Drimmelen-Krabbe, JJ (eds.). Classification of Dysthymia and Related Conditions in Neurological Disorders: Recommendations for the Clinical Descriptions and Criteria for Research (version for field trials). World Health Organization, Geneva, 1997.
2. Licinio J (ed.). Dysthymia in Neurological Disorders, 1996. Published by the World Health Organization, Division of Mental Health and Prevention of Substance Abuse, Geneva, Switzerland. Authors: Akiskal HS, Bolis CL, Cazzulo C, Costa e Silva JA, Gentil V, Lecrubier Y, Licinio J (Chairman), Linden M, Lopez-Ibor JJ, Ndiaye IP, Pani L, Prilipko L, Robertson M, Robinson RG, Starkstein SE, Thomas P, Wang Y, Wong M-L.
3. Licinio J, Prilipko L, Bolis CL (eds.). Dysthymia in Neurological Disorders - Proceedings of the WHO meeting. World Health Organization, Geneva Switzerland, 1997.
4. Licinio J, Bolis CL, Gold PW (eds.). Dysthymia: From Clinical Neuroscience to Treatment. World Health Organization, Geneva, Switzerland, 1997.
5. Bolis CL, Licinio J (eds.). Stress and the Nervous System. The Advisory Committee on Health Research - World Health Organization, Geneva, Switzerland, 1998.
6. Bolis CL, Licinio J (eds.). Stress and Adaptation: From Selye's Concept to Application of Modern Formulations. World Health Organization, Geneva, Switzerland, 1999.
7. Bolis CL, Licinio J (eds.). Genes, Behaviour and Health. World Health Organization, Geneva, Switzerland, 1999.
8. Bolis CL, Licinio J (eds.). Autonomic Nervous System. World Health Organization, Geneva, Switzerland, 1999.
9. Bolis CL, Licinio J (eds.). Public Health Aspects of Dysthymia in the Field of Neuroscience. World Health Organization, Geneva, Switzerland, 2000.

10. Bolis CL, Pani L, Licinio J (eds.). Dopaminergic System: Its Evolution from Biology to Clinical Aspects. AIREN (International Association for Research and Training in Neurosciences) and World Health Organization, Lippincott Williams & Wilkins Healthcare, Baltimore, MD, 2000.
11. Licinio J, Wong M-L (eds.). Pharmacogenomics: The Search for Individualized Therapies. Wiley-VCH, Weinheim, Germany, 2002, ISBN: 3-527-30380-4, 599 pages.
12. Licinio J, Wong M-L (eds.). Biology of Depression: From Novel Insights to Therapeutic Strategies. Wiley-VCH, Weinheim, Germany, 2005, ISBN: 3-527-30785-0, 1092 pages.

Original Research Articles

1. Licinio-Paixão J, Polonsky KS, Given BD, Pugh W, Ostrega D, Frank BH, Rubenstein AH: Ingestion of a mixed meal does not affect the metabolic clearance rate of biosynthetic human C-peptide. *Journal of Clinical Endocrinology and Metabolism* 1986;63:401-403.
2. Polonsky KS, Licinio-Paixão J, Given BD, Pugh W, Rue P, Galloway J, Karrison T, Frank B. Use of biosynthetic human C-peptide in the measurement of insulin secretion rates in normal volunteers and type I diabetic patients. *Journal of Clinical Investigation* 1986;77:98-105.
3. Polonsky KS, Given BD, Pugh W, Licinio-Paixão J, Thompson JE, Karrison T, Rubenstein AH. Calculation of the systemic delivery rate of insulin in normal man. *Journal of Clinical Endocrinology and Metabolism* 1986;63:113-118.
4. Cohen RM, Given BD, Licinio-Paixão J, Provow SA, Rue PA, Frank BH, Root MA, Polonsky KS, Tager HS, Rubenstein AH. Proinsulin radioimmunoassay in the evaluation of insulinomas and familial hyperproinsulinemia. *Metabolism* 1986;35:1137-1146.
5. Cohen RM, Licinio J, Polonsky KS, Galloway JA, Frank BH, Cherrington AD, Rubenstein AH. The effect of biosynthetic human proinsulin on the hepatic response to glucagon in insulin-deficient diabetes. *Journal of Clinical Endocrinology and Metabolism* 1987;64:476-481.
6. Licinio J, Wong M-L, Gold PW. Localization of interleukin-1 receptor antagonist mRNA in rat brain. *Endocrinology* 1991;129:562-564.
7. Licinio J, Wong M-L, Gold PW. In situ hybridization histochemistry: A simple and rapid method for the study of peptide gene expression in circulating white blood cells. *International Journal of Methods in Psychiatric Research* 1991;1:101-1104.
8. Altemus M, Hetherington MM, Flood M, Licinio J, Nelson ML, Bernat AS, Gold PW. Decrease in resting metabolic rate during abstinence from bulimic behavior. *American Journal of Psychiatry* 1991;148:1071-1072.

9. Wong M-L, Weiss SRB, Gold PW, Doi SQ, Banerjee S, Licinio J, Lad R, Post RM, Smith MA. Induction of constitutive heat shock protein 73 mRNA in the dentate gyrus by seizures. *Molecular Brain Research* 1992;13:19-25.
10. Paciotti GF, Baron D, Licinio J, Tamarkin L, Wong M-L, Altemus ME, Rubinow D. Novel enzyme immunoassays for the detection of the cytokines interleukin 1 and interleukin-2 in the circulation of normal subjects: 24-hour profiles. *Progress in NeuroEndocrImmunology* 1992;5:21-30.
11. Licinio J, Wong M-L, Gold PW. Neutrophil-Activating Peptide-1/Interleukin-8 mRNA is localized in rat hypothalamus and hippocampus. *NeuroReport* 1992;3:753-756.
12. Andreason PJ, Altemus M, Zametkin AJ, King AC, Licinio J, Cohen RM. Regional cerebral glucose metabolism in bulimia nervosa. *American Journal of Psychiatry* 1992;149:1506-1513.
13. Wong M-L, Licinio J, Gold PW, Glowa J. Activity-induced anorexia does not affect the expression of hypothalamic neuropeptide mRNAs. *International Journal of Eating Disorders* 1993;13:399-405.
14. Wong M-L, Smith MA, Licinio J, Doi SQ, Weiss SRB, Post RM, Gold PW. Glutamate receptor gene expression in kindled and electrically-induced seizures. *Epilepsy Research* 1993;14:221-227.
15. Licinio J, Seibyl J, Altemus ME, Charney DS, Krystal JH. Elevated central levels of interleukin-2 in neuroleptic-free schizophrenic patients. *American Journal of Psychiatry* 1993;150:1408-1410.
16. Licinio J, Wong M-L, Altemus M, Bongiorno PB, Bernat A, Tamarkin L, Gold PW. Twenty-four hour concentrations of circulating interleukin-2 in healthy women exhibit episodic fluctuations: analysis of integrated basal levels and discrete pulse properties. *Endocrine* 1993;1:120-128.
17. Delgado PL, Miller HL, Salomon RM, Licinio J, Heninger GR, Gelenberg AJ, Charney DS. Monoamines and the mechanism of antidepressant action: Effects of catecholamine depletion on mood of patients treated with antidepressants. *Psychopharmacology Bulletin* 1993;29:389-396.
18. Wong M-L, Licinio J. Localization of interleukin-1 type I receptor mRNA in rat brain. *Neuroimmunomodulation* 1994;1:110-115.
19. Wong M-L, Licinio J. Localization of stem cell factor mRNA in adult rat hippocampus. *Neuroimmunomodulation* 1994;1:181-187.
20. Kling MA, Geraciotti TD, Licinio J, Michelson D, Oldfield EH, Gold PW. Effects of electroconvulsive therapy on the CRH-ACTH-cortisol system in melancholic depression: Preliminary findings. *Psychopharmacology Bulletin* 1994;30:489-494.
21. Salomon RM, Delgado PL, Licinio J, Krystal JH, Heninger GR, Charney DS. Effects of sleep deprivation on serotonin function in depression. *Biological Psychiatry* 1994;36:840-846.

22. Licinio J, Wong M-L, Altemus M, Bongiorno PB, Bernat A, Gold PW. Pulsatility of 24-hour concentrations of circulating interleukin-1 in healthy women: Analysis of integrated basal levels, discrete pulse properties, and correlation with simultaneous interleukin-2 concentrations. *Neuroimmunomodulation* 1994;1:242-250.
23. Wong M-L, Licinio J, Pasternak KI, Gold PW. Localization of corticotropin-releasing hormone receptor mRNA in adult rat brain by in situ hybridization histochemistry. *Endocrinology* 1994;135:2274-2277.
24. Licinio J, Gold PW, Wong M-L. A molecular mechanism for stress-induced alterations in susceptibility to disease. *Lancet* 1995;346:104-106.
25. Wong M-L, Loddick SA, Bongiorno PB, Gold PW, Rothwell NJ, Licinio J. Focal cerebral ischemia induces CRH mRNA in rat cerebral cortex and amygdala. *NeuroReport* 1995;6:1785-1788.
26. Licinio J, Bongiorno P, Gold PW, Wong M-L. The gene encoding for the novel transacting factor proopiomelanocortin corticotropin-releasing hormone responsive element binding protein 1 (PCRH-REB-1) is constitutively expressed in rat pituitary and in discrete brain regions containing CRH or CRH receptors: Pathophysiological implications. *Endocrinology* 1995;136:4709-4712.
27. Wong M-L, Bongiorno P, Gold PW, Licinio J. Localization of interleukin 1 β (IL-1 β) converting enzyme mRNA in rat brain vasculature: Evidence that the genes encoding the IL-1 system are constitutively expressed in brain blood vessels. Pathophysiological implications. *Neuroimmunomodulation* 1995;2:141-148.
28. Altemus M, Hetherington M, Kennedy B, Licinio J, Gold PW. Thyroid function in bulimia nervosa. *Psychoneuroendocrinology* 1996;21:249-261.
29. Wong M-L, Al-Shekhlee A, Bongiorno PB, Esposito A, Khatri P, Sternberg ES, Gold PW, Licinio J. Localization of urocortin messenger RNA in rat brain and pituitary. *Molecular Psychiatry* 1996;1:307-312.
30. Wong M-L, Rettori V, Al-Shekhlee A, Bongiorno PB, Canteros G, McCann SM, Gold PW, Licinio J. Inducible nitric oxide synthase gene expression in the brain during systemic inflammation. *Nature Medicine* 1996;2:581-584.
31. Wong M-L, Bongiorno PB, Al-Shekhlee A, Esposito A, Khatri P, Gold PW, Licinio J. IL-1 β , IL-1 receptor type I, and iNOS gene expression in rat brain vasculature and perivascular areas. *NeuroReport* 1996;7:2445-2448.
32. Wong M-L, Khatri P, Licinio J, Esposito A, Gold PW. Identification of hypothalamic transcripts upregulated by antidepressants. *Biochemical and Biophysical Research Communications* 1996;229:275-279.
33. Wong M-L, Bongiorno PB, Rettori V, McCann SM, Licinio J. Interleukin (IL) 1 β , IL-1 receptor antagonist, IL-10, and IL-13 gene expression in the central nervous system and anterior pituitary during systemic inflammation: Pathophysiological implications. *Proceedings of the National Academy of Sciences USA* 1997;94:227-232.

34. Al'Absi M, Bongard S, Buchanan T, Pincomb GA, Licinio J, Lovallo WR. Cardiovascular and neuroendocrine adjustment to public speaking and mental arithmetic stressors. *Psychophysiology* 1997;34:266-275.
35. Bremner JD, Licinio J, Darnell A, Krystal JH, Owens MJ, Southwick SM, Nemeroff CB, Charney DS. Elevated CSF corticotropin-releasing factor concentrations in posttraumatic stress disorder. *American Journal of Psychiatry* 1997;154:624-629.
36. Loddick SA, Wong M-L, Bongiorno PB, Gold PW, Licinio J, Rothwell NJ. Endogenous interleukin-1 receptor antagonist is neuroprotective. *Biochemical and Biophysical Research Communications* 1997;234:211-215.
37. Licinio J, Mantzoros C, Negrão AB, Cizza G, Wong M-L, Bongiorno PB, Chrousos GP, Karp B, Allen C, Flier JS, Gold PW. Human leptin levels are pulsatile and inversely related to pituitary-adrenal function. *Nature Medicine* 1997;3:575-579.
38. Cizza G, Lotsikas A, Licinio J, Gold PW, Chrousos GP. Plasma concentrations of leptin in lean controls and patients with Cushing's syndrome before and after correction of hypercortisolism. *Journal of Clinical Endocrinology & Metabolism* 1997;82:2747-2750.
39. Commerford MC, Licinio J, Halmi KA. Guidelines for discharging eating disorders inpatients. *Eating Disorders: The Journal of Treatment and Prevention* 1997;5:69-74.
40. Bornstein SR, Licinio J, Tauchnitz R, Engelmann L, Negrão AB, Gold PW, Chrousos G. Plasma leptin levels are increased in survivors of acute sepsis: Associated loss of diurnal rhythm in cortisol and leptin secretion. *Journal of Clinical Endocrinology & Metabolism* 1998;83:280-283.
41. Licinio J, Negrão AB, Mantzoros C, Kaklamani V, Wong M-L, Bongiorno PB, Mulla A, Cernal L, Veldhuis JD, Flier JS, McCann SM, Gold PW. Synchronicity of frequently-sampled 24-hour concentrations of circulating leptin, luteinizing hormone, and estradiol in healthy women. *Proceedings of the National Academy of Sciences USA* 1998;95:2541-2546.
42. Pasternak KI, Timo-Iaria C, Rodrigues CJ, Maria DA, Duarte AJS, Paiva L, Pozzi DH, de Mendonça BB, Wong M-L, Licinio J. Circumscribed lesion of the medial forebrain bundle area causes structural impairment of lymphoid organs and severe depression of immune function in rats. *Molecular Psychiatry* 1998;3:397-404.
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ABSTRACTS:

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75. Licinio J: Stress hormones, cytokines, and psychiatric disorders. Oral presentation at the symposium "Neuroimmune-endocrine Interactions in Psychiatric and Neurodegenerative Disorders in the Elderly." International Psychogeriatric Association - Beijing Joint Meeting in cooperation with the Institute of Mental Health, Beijing Medical University, Beijing, China, 04.12.1999.

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78. Licinio J: The biology of human leptin gene mutation. Oral presentation at the International Congress of Obesity - Research and Clinical Practice. A Multidimensional Perspective, Essen, Germany, 03.24.2000.
79. Licinio J: Pharmacogenetics of Depression in Mexican-Americans. Oral presentation at the Pharmacogenetics Research Network Steering Committee Meeting, NIGMS, NIH, Chevy Chase, Maryland 05.16.2000.
80. Licinio J: Cytokines in the brain: From localization and function to clinical implications. Oral presentation at the Canadian Symposium on Neuroimmune Biology, Hans Selye Symposia on Neuroendocrinology and Stress, Winnipeg, Manitoba, Canada, 06.16.2000.
81. Licinio J: Dysthymia in neurological disorders: From localization and function to clinical implications. Oral presentation at the Joint AIREN (Association Internationale pour la Recherche et l'enseignement en Neurosciences), World Health Organization Meeting: Dysthymia in Neurological and Related Disorders. Second Phase of the Research Program. Los Angeles, California, 07.05.2000.
82. Licinio J: Leptin pulsatility. Presented at the Oral Session "Pulsatility of Endocrine Signals," at the 30th International Symposium, GH and Growth Factors in Endocrinology and Metabolism, Monte-Carlo, Monaco, 10.06.2000.
83. Licinio J: Pharmacogenomics of antidepressant treatment response. Oral presentation at the Pasteur Institute Euroconference "Pharmacogenetics and Pharmacogenomics," Paris, France, 10.13.2000.
84. Licinio J: Pharmacogenetics and Pharmacogenomics. Oral presentation at the Pharmacogenetics Research Network Steering Committee Meeting, NIGMS, NIH, Chevy Chase, Maryland 10.18.2000.
85. Licinio J, Hannestad J, O'Kirwan F, Elashoff D, Wong M-L: Microarray expression analysis in psychiatry: Use of pharmacological, phytochemical and post-mortem approaches. Poster presentation at the 2000 Annual Meeting of the American College of Neuropsychopharmacology, San Juan, Puerto Rico, 12.11.00.
86. Wong M-L, Flockhart DA, Prolo P, Jepson R, and Licinio J: Pharmacogenetics and Pharmacogenomics Research Group: Pilot results in a Mexican-American Population. Poster presentation at the 2000 Annual Meeting of the American College of Neuropsychopharmacology, San Juan, Puerto Rico, 12.13.00.

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91. Licinio J: Consultation with a Mexican-American Community in Greater Los Angeles. Oral presentation at the National Institute of General Medical Sciences Council – Populations Advisory Group Meeting. Bethesda, Maryland, 04.24.01.
92. Licinio J: Pharmacogenetics and Pharmacogenomics. Oral presentation at (NIGMS/NIH) Pharmacogenetics Research Network and Knowledge Base. First Annual Scientific Meeting, Bethesda, Maryland, 04.25.01.
93. Licinio J: Working Group on Community Issues. Oral presentation at the session “Pharmacogenetics Research Network - Progress and New Issues,” Pharmacogenetics Research Network Steering Committee Meeting, NIGMS, NIH, Chevy Chase, Maryland 04.26.01.
94. Licinio J: Pharmacogenomics. Oral presentation at the Health Policy Workshop: Ethical, Legal, and Health Policy Issues Regarding Genetic Testing in Clinical Practice. 24th Annual Meeting of the Society for General Internal Medicine. San Diego, CA, 05.04.01.
95. Licinio J : The role of inflammatory mediators in the biology of major depression: An overview. Opening keynote presentation at the Meeting Psychoneuroimmunology of Depression, Dinard, France, 05.12.01.
96. Frost P, Licinio J, Wong M-L: Expression of inducible nitric oxide synthase in post-mortem brains of patients with major psychiatric disorders. Poster presentation

- at the Annual Psychoneuroimmunology Research Society Meeting, Utrecht, Netherlands, 05.18.01.
97. Rinetti G, Park CS, Licinio J, Wong M-L: CRHR1 gene expression after chronic antidepressant treatment. Poster presentation at the Annual Psychoneuroimmunology Research Society Meeting, Utrecht, Netherlands, 05.18.01.
 98. Hannestad J, Elashoff D, O'Kirwan F, Wong, M-L and Licinio J: Microarray applications in psychoneuroimmunology. Oral presentation at the Annual Psychoneuroimmunology Research Society Meeting, Utrecht, Netherlands, 05.19.01.
 99. Licinio J: The role of leptin in eating behavior. Oral presentation at the Round Table Symposium: Neurobiology of eating behavior and body weight regulation. VIII Regional Meeting of Psychiatry – Southern Brazil, IV Brazilian Meeting on Eating Disorders and Obesity, and First São Paulo Congress of Psychiatry. 06.14.01.
 100. Licinio J: Issues for mental health among Hispanics. Oral presentation at the meeting: Clinical Research and Research Ethics in Multicultural Communities, “The Mental Health of the Underserved.” Charles R. Drew University, Los Angeles, 06.28.01.
 101. Licinio J: New opportunities for research in pharmacogenetics. Oral presentation at the Round Table Symposium: Research on Eating Disorders and Obesity. VIII Regional Meeting of Psychiatry – Southern Brazil, IV Brazilian Meeting on Eating Disorders and Obesity, and First São Paulo Congress of Psychiatry. 06.15.01
 102. Licinio J: Pharmacogenetics of obesity and depression. Plenary lecture, VIII Regional Meeting of Psychiatry – Southern Brazil, IV Brazilian Meeting on Eating Disorders and Obesity, and First São Paulo Congress of Psychiatry. São Paulo, SP, Brazil, 06.15.01.
 103. Licinio J: The role of inflammatory mediators and the biology of major depression: progress and limitations. Opening keynote presentation at the VIII Expert Meeting in Psychoneuroimmunology, Münster, Germany, 06.29.2001.
 104. Licinio J: Neuroendocrinology of leptin. Oral Plenary Presentation at the 2001 Brazilian Congress on Obesity, Foz do Iguacu, PR, Brazil, 08.18.01.
 105. Licinio J: Obesity and Depression. Oral presentation at the Round Table Symposium: Co-morbidity of Obesity. 2001 Brazilian Congress on Obesity, Foz do Iguacu, PR, Brazil, 08.18.01.
 106. Licinio J: Pharmacogenomics of Depression in Mexican-Americans. Oral presentation at the Meeting, Pharmacogenomics: The Molecular Prescription Pad. Cambridge, MA, 10.11.01

107. Rinetti G, Park CS, Oliveira JR, Caglayan S, Licinio J, Wong M-L: CRHR₁ in situ hybridization after chronic antidepressant treatment. Presented at the 2001 Annual Meeting of the Society for Neuroscience, San Diego, CA, 11.12.01.
108. Licinio J. Pharmacogenetics of depression in Mexican American populations. Oral presentation at the Second Pharmacogenetics Research Network and Knowledge Base Second Open Scientific Meeting, Stanford University, Stanford, CA, 03.12.02.
109. Licinio J: Pharmacogenetics: The Paradigm of Psychopharmacology. State of the Art Plenary Lecture. 2002 Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics (ASCPT), Atlanta, Georgia, 03.25.2002.
110. Licinio J, Caglayan S, Alvarado I, Wagner AJ, DePaoli A, Wong M-L, Ozata M. Leptin in Body Weight Regulation. Oral presentation at the 2002 Annual Meeting of the Society of Biological Psychiatry, Philadelphia, PA, 05.16.02.
111. Licinio J. Report on plans for community engagement and sample collection at US sites: Mexican-Americans in Los Angeles, California. Workshop on Community Engagement and Sample Collection for the Human Haplotype Mapping Project. Sponsored by NHGRI and NIGMS and hosted by the Coriell Institute for Medical Research, Camden, NJ, 08.01.02.
112. Licinio J. Leptin. Plenary Lecture at the International Congress on Obesity. São Paulo, SP, Brazil, 08.25.2002.
113. Licinio J. Depression and the Metabolic Syndrome: Shared Pathophysiology or Co-occurrence? Plenary lecture at the Symposium "Obesity, Hormones and the Metabolic Syndrome," a satellite to the International Congress on Obesity, Rio de Janeiro, RJ, Brazil, 08.30.2002.
114. Licinio J, Wong M-L. Pharmacogenomics of Major Depression and Antidepressant Treatment. Plenary Lecture at the Institut Pasteur Euroconference co-sponsored by the *New England Journal of Medicine* "Pharmacogenomics: The Promise and Reality of Individualized Treatment," Paris, France, 10.17.2002.
115. Licinio J, Wong M-L. Pharmacogenomic Approaches in Psychiatry. Plenary Lecture at the 2002 Annual Meeting of the Italian Society for Biological Psychiatry. Naples, Italy, 10.26.2002.
116. Licinio J, Caglayan S, Ozata O, Yildiz BO, Wagner AJ, DePaoli A, Wong M-L. Effects of Recombinant Leptin Therapy in Leptin Deficient Adults. Travel Award Poster presented at the Endocrine Society Meeting, "Hot Topics in Endocrinology: The Molecular Basis of Metabolic Regulation." New Orleans, LA, 11.17.2002.
117. Licinio J. The Endocrine Effects of Leptin Replacement Therapy. Endocrinology Grand Rounds, UCLA Department of Medicine, Los Angeles, CA, 11.27.2002.

118. Licinio J, Wong M-L. Pharmacogenomics and Pharmacogenetic Approaches to Psychiatry. Plenary Lecture at the Annual Meeting of the Japanese Society for Clinical Pharmacology and Therapeutics, Osaka, Japan, 12.11.2002.
119. Licinio J. Pharmacogenomic Approaches to Psychiatry: Exploring candidate systems and searching for new targets. Plenary Lecture at 2002 Meeting of the Pacific Rim College of Clinical Pharmacogenetics, Osaka, Japan, 12.13.2002.
120. Licinio J. The Pharmacogenomics of Antidepressant Treatment Response. Plenary Lecture at the 2003 Euroconference "Depression: Emerging Research and Treatment Approaches," Paris, France, 01.17.2003.
121. Licinio J. Pharmacogenomics of Depression: Challenges and New Opportunities. Plenary lecture at the Conference "Pharmacogenomics and Tailored Medicine" Yonsei Medical Symposium 2003, Seoul, Korea, 02.21.2003.
122. Licinio J. Molecular Footprints of Psychoses. Oral Plenary Presentation at the Eighth Psychoimmunology Expert Meeting, University of Ulm, Germany, 05.05.2003.
123. Licinio J. Pharmacogenomics of Major Depression and Antidepressant Treatment. Plenary lecture at the Hakone Symposium on Psychopharmacology, Hakone, Japan, 09.06.2003.
124. Licinio J. HapMap - Community engagement in a Mexican-American community in Los Angeles county. Presented at the NHGRI/NIH Human Haplotype Project Community Engagement Workshop, Bethesda, MD 10.01.2003.
125. Licinio J. Pharmacogenomics of depression: Contrasts and similarities with obesity. Plenary Lecture at the XXI Brazilian Congress of Psychiatry, Goiania, Goias, Brazil, 10.18.2003.
126. Licinio J, Wong M-L. Pharmacogenomics of depression: Search for new targets. Oral Presentation at the NIDA/NIH Symposium "Genomics in Drug Abuse Research," Bethesda, Maryland, 10.30.2003.
127. Licinio J, Wong M-L. Pharmacogenomics of depression: Search for new targets. Plenary Lecture at "Hot Topics in Pharmacogenomics," the joint meeting of the International Society of Pharmacogenomics and the Pacific Rim College of Clinical Pharmacogenetics, Los Angeles, CA, 11.4.2003.
128. Licinio J. Pharmacogenetics research in an ethnically-identified population: Community Engagement in a Mexican-American community in Los Angeles county. Plenary Lecture at "Hot Topics in Pharmacogenomics," the joint meeting of the International Society of Pharmacogenomics and the Pacific Rim College of Clinical Pharmacogenetics, Los Angeles, CA, 11.4.2003.

129. Wong M-L, Yildiz O, O’Kirwan F, Hannestad JP, Irizarry KJL, Elashoff D, Licinio J. St John’s wort and imipramine-induced gene expression profiles reveal novel pharmacogenetic candidates for antidepressant treatment. Poster presentation at the Pharmacogenetics Research Network Fourth Scientific Meeting, Los Angeles, CA, 03.08.2004.
130. Irizarry K, Day A, Wong M-L, Lee C, Licinio J. Identification of functional cSNPs in pharmacogenetic pathways underlying antidepressant treatment response. Poster presentation at the Pharmacogenetics Research Network Fourth Scientific Meeting, Los Angeles, CA, 03.08.2004.
131. Licinio J, Caglayan S, Ozata M, Yildiz BO, de Miranda P, O’Kirwan F, Cohen P, Bhasin S, Krauss RM, Veldhuis J, Wagner A, DePaoli A, McCann SM, Wong M-L. An experimental therapeutic approach to genetically-based obesity: Leptin replacement therapy resolves morbid obesity, hypogonadism, and diabetes mellitus in leptin-deficient adults. Poster presentation at the Pharmacogenetics Research Network Fourth Scientific Meeting, Los Angeles, CA, 03.08.2004.
132. Licinio J. Pharmacogenomics of antidepressant treatment response in Mexican-Americans: Phenotype to genotype Studies. Oral presentation at the Pharmacogenetics Research Network Fourth Scientific Meeting, Los Angeles, CA, 03.08.2004.
133. Licinio J, Yildiz B, Caglayan S, DePaoli A, Ozata M, Wong M-L. Effects of leptin replacement therapy in humans. Oral presentation at the 2004 Neuroendocrine Workshop: Neuroendocrinology of Energy Balance. Sponsored by the American Neuroendocrine Society. New Orleans, Louisiana, USA, 06.15.2004.
134. Licinio J, Wong M-L. Pharmacogenomics of depression. Is there room for further candidate approaches? Oral plenary presentation at the III Annual Meeting of the International Society of Pharmacogenomics. Santorini, Greece, 10.04.2004.
135. Licinio J, Wong M-L. Pharmacogenetic approaches to antidepressant treatment. Oral plenary presentation at the XXII Brazilian Congress of Psychiatry. Salvador, Bahia, Brazil, 10.15.2004.
136. Yildiz O, Hannestad J, O’Kirwan F, Licinio J, Wong M-L. Patterns of gene expression in the CNS during systemic inflammation. Poster presentation at the Society for Neuroscience Annual Meeting 2004. San Diego, CA, 10.25.04.
137. Dunham A, Earthworm M, Hunt S, Niblett D, Leonard S, Burton J, Coffey A, Davies R, Bonfield J, Wong M-L, Licinio J, Rogers J, Bentley D. Exon Sequencing To Identify Variation In Human Genes. Poster presentation at the International Sanger Institute-Cold Spring Harbor Laboratory Meeting “Pharmacogenomics.” Cold Spring Harbor, New York, November 25, 2004.
138. Licinio J, O’Kirwan F, Irizarry K, Merriman B, Thakur S, Jepson R, Lake S, Tantisira KG, Weiss ST, Wong ML. Association of a corticotropin-releasing

- hormone receptor 1 haplotype and antidepressant treatment response in Mexican-Americans: Preliminary Results. Oral Plenary presentation at the International Sanger Institute-Cold Spring Harbor Laboratory Meeting "Pharmacogenomics." Cold Spring Harbor, New York, November 27, 2004.
139. Llerena A, Dorado P, Caceres C, Wong M-L, Licinio J. CYP2C9 and clinical response to antidepressant drugs in Mexican-Americans. Poster presentation at the 2005 Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics. Orlando, Florida, March 4, 2005.
 140. Licinio J, Wong M-L. Pharmacogenetics: New horizons in the treatment of mood disorders. Oral plenary presentation at the Bipolar Disorder Conference, Porto Alegre, Rio Grande do Sul, Brazil, March 5, 2005.
 141. Licinio J. Pharmacogenomic and pharmacogenetic strategies in antidepressant treatment. Oral presentation at the Symposium "New Insights on Unipolar Depression: Therapeutic Implications," 2005 Annual Meeting of the Society for Biological Psychiatry, Atlanta, Georgia, May 21, 2005.
 142. Licinio J. Immune mediators and depression: From gene expression to pharmacogenomics. Oral plenary presentation at the International Symposium of Neuroimmunoendocrinology: Neuroendocrine Network and Body Homeostasis, University of São Paulo School of Medicine, Ribeirão Preto, São Paulo, Brazil, August 22, 2005.
 143. Licinio J. Pharmacogenomic approaches to common and complex disorders: obesity and major depression. Oral plenary presentation at the 2005 Annual Meeting of the Korean Society of Biological Psychiatry, Seoul, Korea, September 29, 2005.